

Author Index

- Acworth, I., 1
Agterof, W.G.M., 33
Akhlaq, M.S., 25
Angove, M.J., 137
Arora, P.S., 113

Barisci, J.N., 129
Barnes, G.T., 149

Chadwick, B.R., 1
Claessens, H.A., 33
Counter, J., 103
Cramers, C.A., 33
Crawford, R.J., 167

Dékány, I., 59
Dixon, D.R., 85
Dornow, W., 25

Elliot, D.J., 189

Franses, E.I., 49
Fujiyoshi, N., 159
Furlong, D.N., 189, 197

Gauden, P.A., 67
Gerson, A., 103
Götze, P., 25
Gray, S.R., 85
Grieser, F., 189, 197

Hara, M., 97
Harbour, P.J., 85
Harding, I.H., 167
Hioki, M., 181
Horr, T.J., 113
Hunter, R.J., 123

Infante, M.R., 49
Inoue, H., 197

Jankowski, J., 1
Johnson, B.B., 137

Kagawa, S., 159
Kajikawa, K., 97
Karthaus, O., 181
Kessel, D., 25
Kim, C.Y., 129
Kim, D.Y., 129
Kim, J.Y., 129
Knoll, W., 97

Laven, J., 33

Mainwaring, D.E., 167
Makrlík, E., 45
Mansouri, J., 129
Matsuura, N., 189
Moriguchi, I., 159

Nagamura, T., 197

O'Brien, R.W., 123

Park, S.Y., 49
Pinazo, A., 49
Prestidge, C.A., 75

Ralston, J., 103
Rychlicki, G., 67

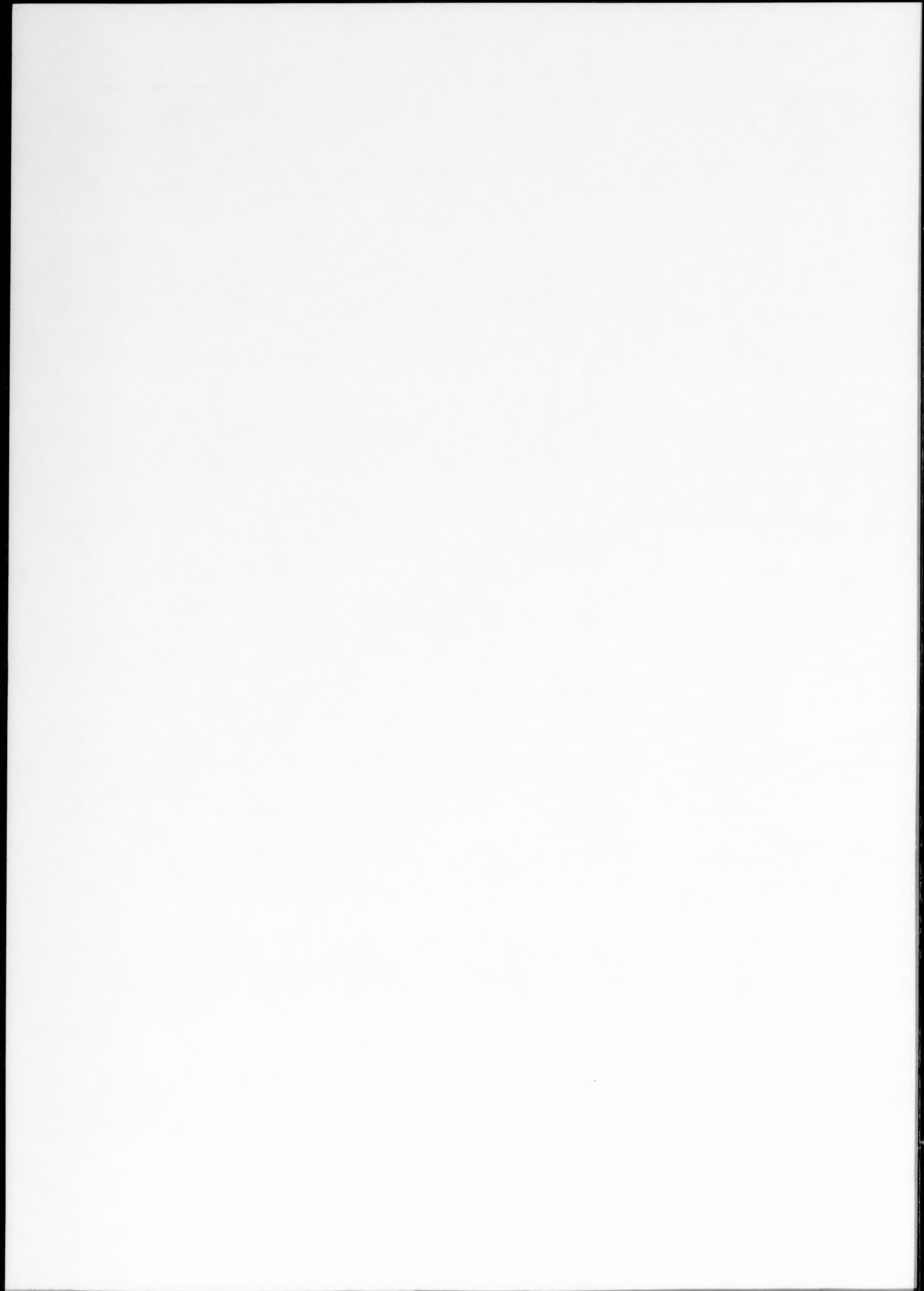
Sakaguchi, H., 197
Sakamoto, R., 159
Sasabe, H., 97
Schneider, R.P., 1
Seguer, J., 49
Shimomura, M., 181
Spinks, G.M., 129

Teraoka, Y., 159
Terzyk, A.P., 67
Turi, L., 59

Urquhart, R.S., 197

Vissers, J.P.C., 33

Wallace, G.G., 129
Wells, J.D., 137
Wojsz, R., 67



Subject Index

- Acid–base, 113
Adsorption, 25, 67, 137, 167
Adsorption model, 167
Aluminium hydroxide crystallisation, 103
Aminopropyltrimethoxysilane, 113
Ammine complexation, 167
Ammonia, 167
Aqueous systems, 49
Arachidic acid, 189
Asphaltenes, 25
- Cadmium, 137
Cation binding, 181
Caustic aluminate liquor preparation, 103
CdS nanoparticles, 197
Charge density, 85
Coating inhomogeneity, 33
Conditioning films, 1
Conducting polymers, 129
Contact angle, 1, 25
Control of photoisomerization, 181
Coprecipitation, 167
Crude oil colloids, 25
- Dilauroylphosphatidylcholine, 49
Dynamic mobility, 123
- Electroacoustics, 123
Electrochemical flow cell, 129
Electrostatic stabilization, 33
Emulsion, 85, 123
Equation of state, 1
Evaporation reduction, 149
Evaporation through monolayers, 149
Excitation, 197
- Floatability, 75
Floating monolayers, 149
Flotation, 85
Fractal dimension, 67
- Galena particles, 75
Gas entrainment, 33
Geometric mean equation, 1
Gold particles, 159
Groundwater, 1
- Heavy metals, 167
Hydrophilic and hydrophobic SiO₂ particles, 59
Hydrous chromium(III) oxide, 167
Hydrous iron(III) oxide, 167
- In situ, 189
In situ X-ray diffraction, 103
Interparticle forces, 75
Intrinsic viscosity, 85
- J aggregates, 97
- Kaolinite, 137
- Langmuir, 137
Langmuir–Blodgett monolayer, 97
Langmuir monolayer, 189
Lifshitz van der Waals acid–base approach, 1
- Metal ion binding, 189
Microporosity, 67
Monolayer, 181
- Ni²⁺ complexes with substituted ethylenediamines, 45
Nonionic double-chain surfactants, 49
- Organized molecular assembly films, 159
- Polyelectrolyte, 85
Polypyrrole colloids, 129

Quartz crystal microbalance, 189

Rheology, 75

Scanning near-field optical microscopy, 97

Semiconductor, 123

Settling velocity, 33

Silanes, 113

Silica, 113

Small angle X-ray scattering, 59

Stability constants, 45

Static light scattering, 103

Stilbene sulfonate, 181

Surface complexation, 137

Surface properties, 49

Suspension stability, 33

Synthesis, 159

Trans-cis photoisomerization, 181

Transient photobleaching, 197

Trapping site, 197

Van der Waals interaction, 33

Water-nitrobenzene extraction system, 45

Water evaporation, 149

Wettability, 25

XPS, 113

Zeta potential, 123

